

Title (en)

Ultraviolet radiation-curable coatings for optical fibres and optical fibres coated therewith

Title (de)

UV-Strahlungshärtbare Beschichtungen für optische Fasern und damit beschichtete optische Fasern

Title (fr)

Revêtements durcissables par irradiation ultraviolette pour fibres optiques et fibres optiques revêtus par ceux-ci

Publication

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Application

EP 96202478 A 19921113

Priority

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- US 86893392 A 19920416

Abstract (en)

Ultraviolet radiation-curable secondary coating compositions for optical fibers are disclosed. The secondary coatings comprise a polyester and/or polyether-based aliphatic urethane reactively terminated oligomer; a hydrocarbonaceous viscosity-adjusting component capable of reacting with the reactive terminus of (I); and an optical photoinitiator. Also disclosed are optical fibers coated with the secondary coating alone or with a primary coating and the secondary coating of the invention.

IPC 1-7

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IPC 8 full level

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C-Set (source: EP US)

1. **C08G 18/671** + **C08G 18/62**
2. **C09D 4/06** + **C08F 290/067**
3. **C08G 18/672** + **C08G 18/62**
4. **C09D 4/06** + **C08F 290/147**

Cited by

EP1070682A1; CN100402452C; US6246824B1; WO9959930A1; US10509161B2; WO0105724A3; WO03091178A3

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